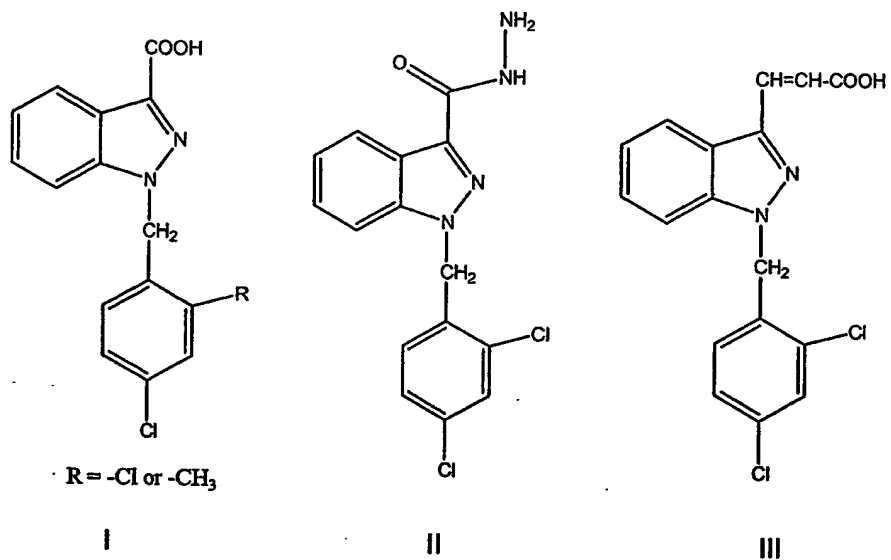


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FIGURE 1

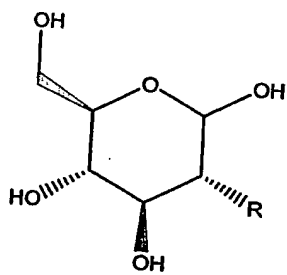
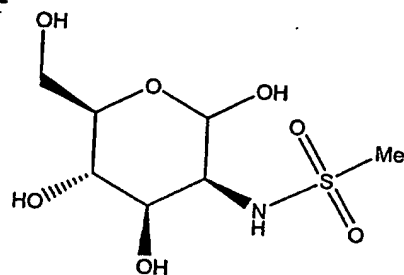
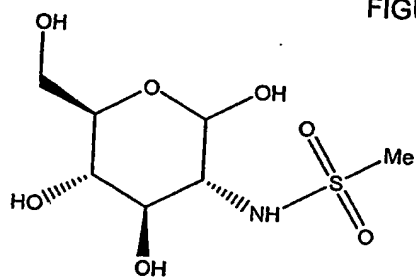
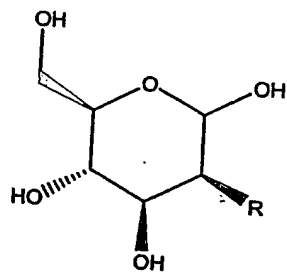
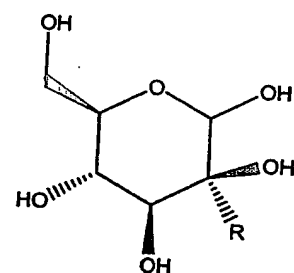
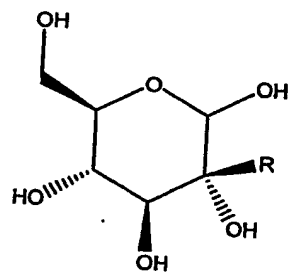
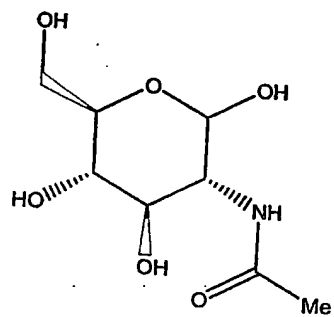
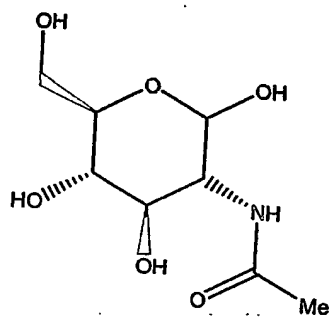
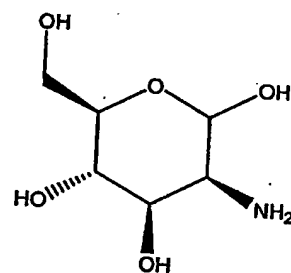


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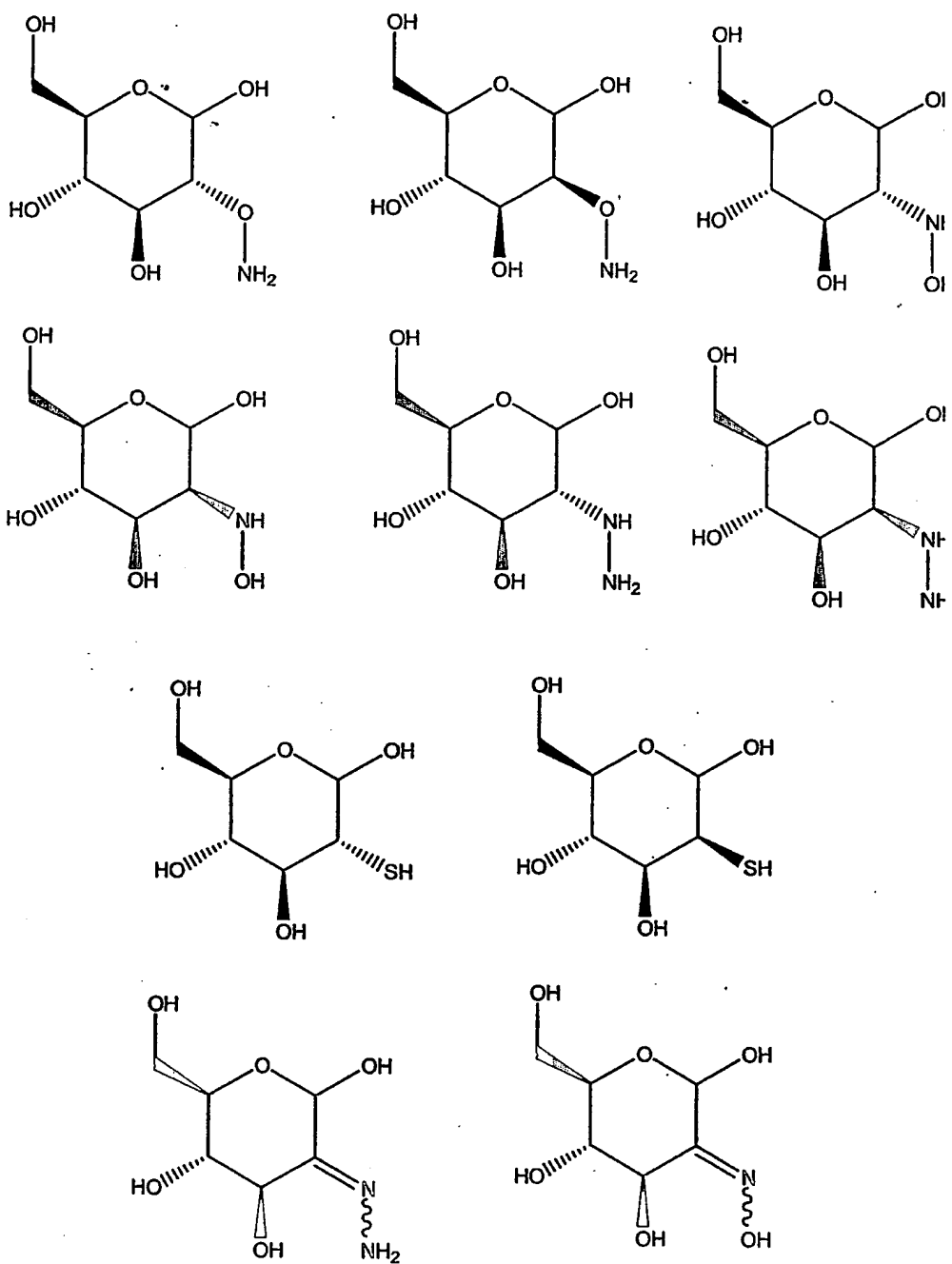
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FIGURE 2

 $R = \text{CH}_3, \text{CH}_2\text{F}, \text{CHF}_2, \text{CF}_3$  $R = \text{CH}_3, \text{CH}_2\text{F}, \text{CHF}_2, \text{CF}_3$  $R = \text{CH}_3, \text{CH}_2\text{F}, \text{CHF}_2, \text{CF}_3$  $R = \text{CH}_3, \text{CH}_2\text{F}, \text{CHF}_2, \text{CF}_3$ 

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Figure 2, continued



wavy bond denotes E or Z isomer of double bond

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Expression of HIF-1 α and HIF-1 β in LNCaP Cells

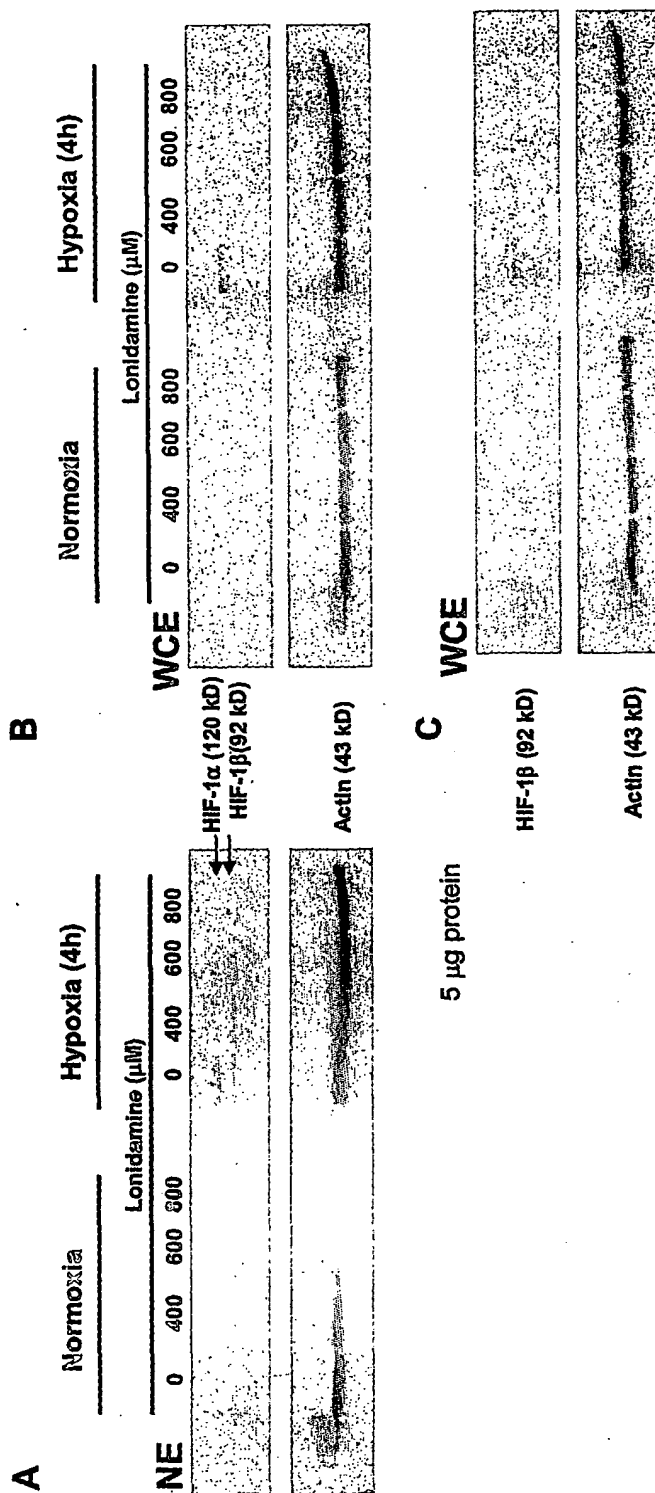


Figure 3

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Expression of HIF-1 α and HIF-1 β in PC-3 Cells

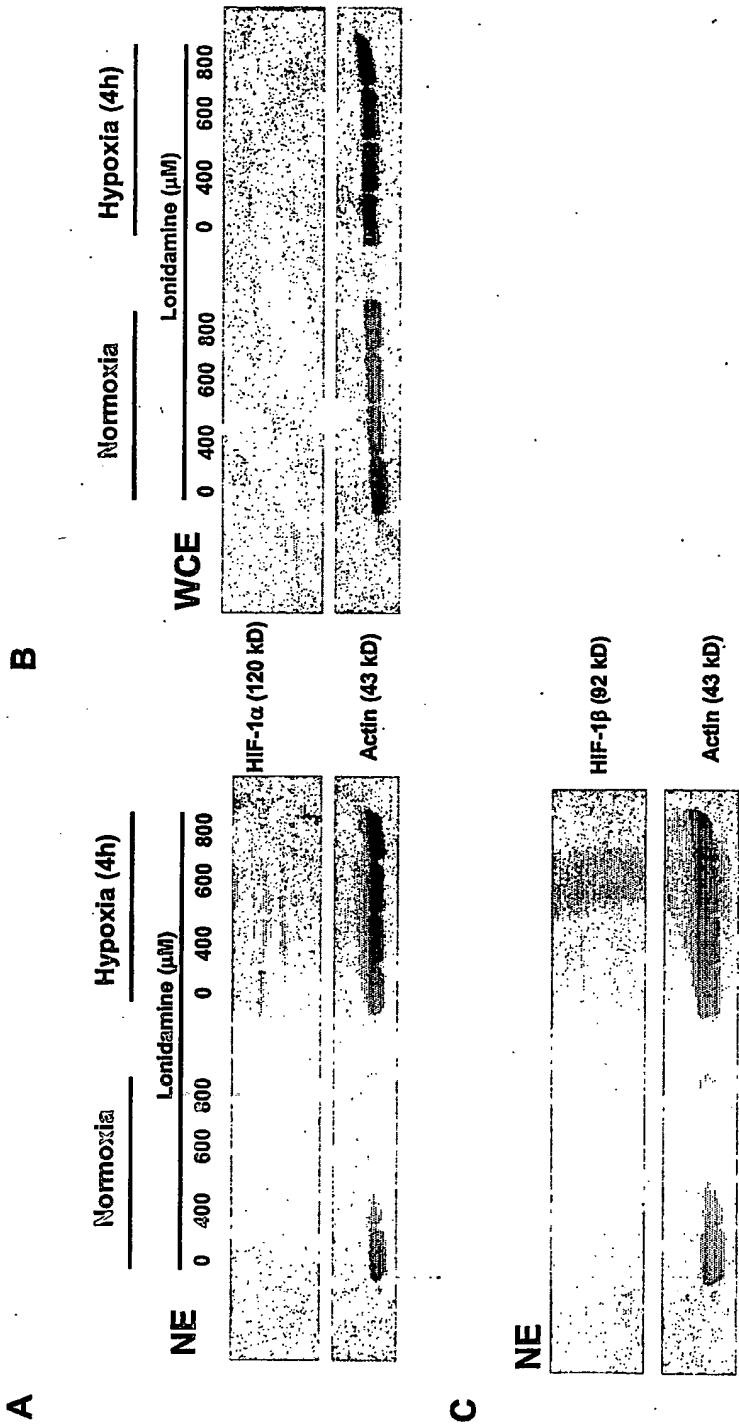


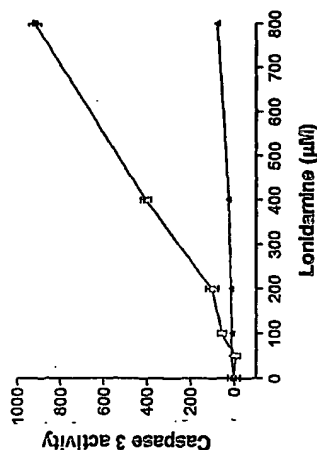
Figure 4

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Lonidamine-Induced Apoptosis

A

LNCaP
(Citrate producing cells)



B

PC3
(Citrate oxidizing cells)

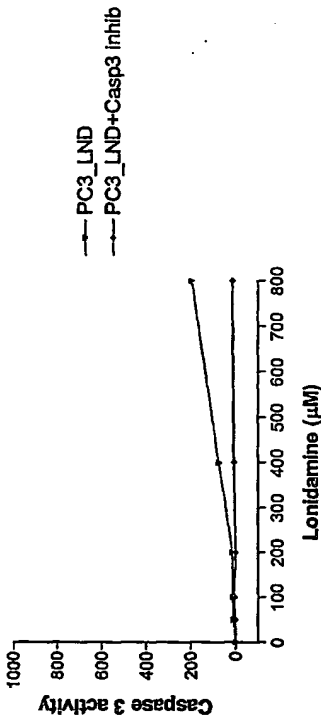


Figure 5

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Lonidamine-Induced Apoptosis

Prostate epithelial cells 800 μ M Lonidamine
(citrate producing cells)

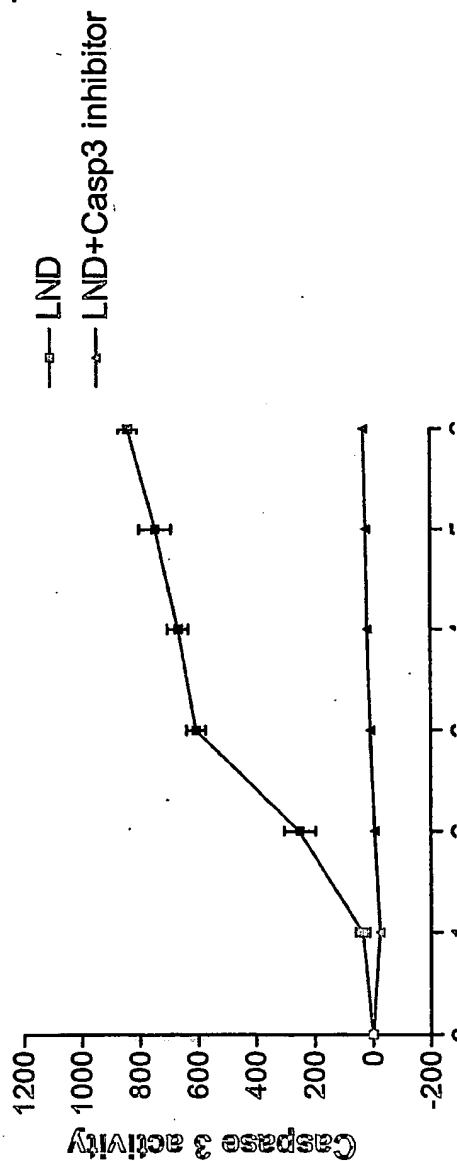


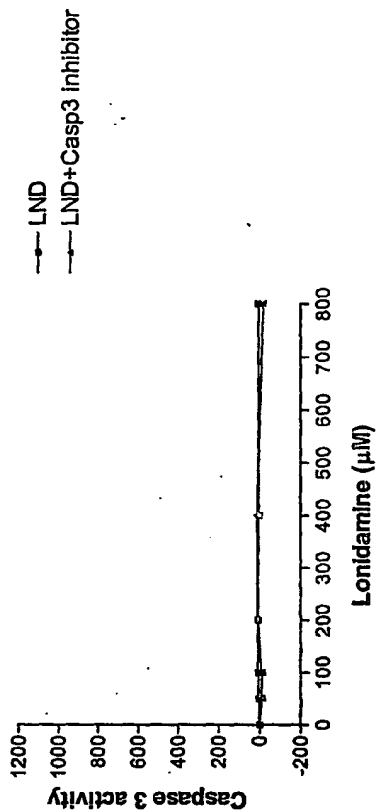
Figure 6

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Lonidamine-Induced Apoptosis

B Prostate stromal cells



A Prostate epithelial cells (citrate producing cells)

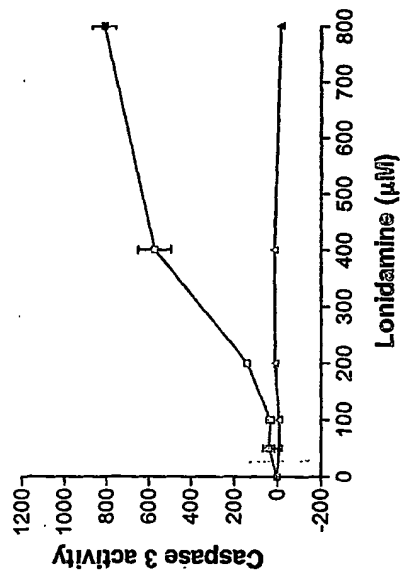


Figure 7

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Whole Cell Extract (LNCaP cells)

Normoxia Hypoxia (4h)

Lonidamine (μM)

WCE

0 0 100 200 400 600

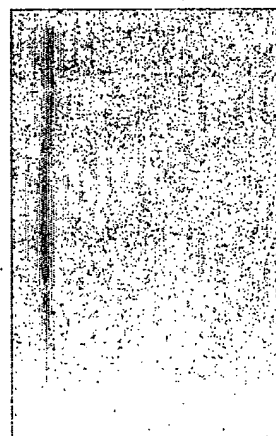


Fold difference of HIF-1α 1.0 3.2 3.1 1.3 0.9 1.5

Fold difference of HIF-1β 1.0 1.0 1.0 0.7 0.6 1.1



Fold difference of actin 1.0 1.0 1.0 1.1 1.0 1.1 1.2



Full-length caspase-3 (35 kD)
Cleaved caspase-3 (17 and 19 kD)



Fold difference of NF-κB 1.0 1.0 1.0 1.0 1.0 1.0



Fold difference of IκBα 1.0 1.1 1.3 1.0 1.1 0.9

Figure 8

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Nuclear Extract (LNCaP cells)

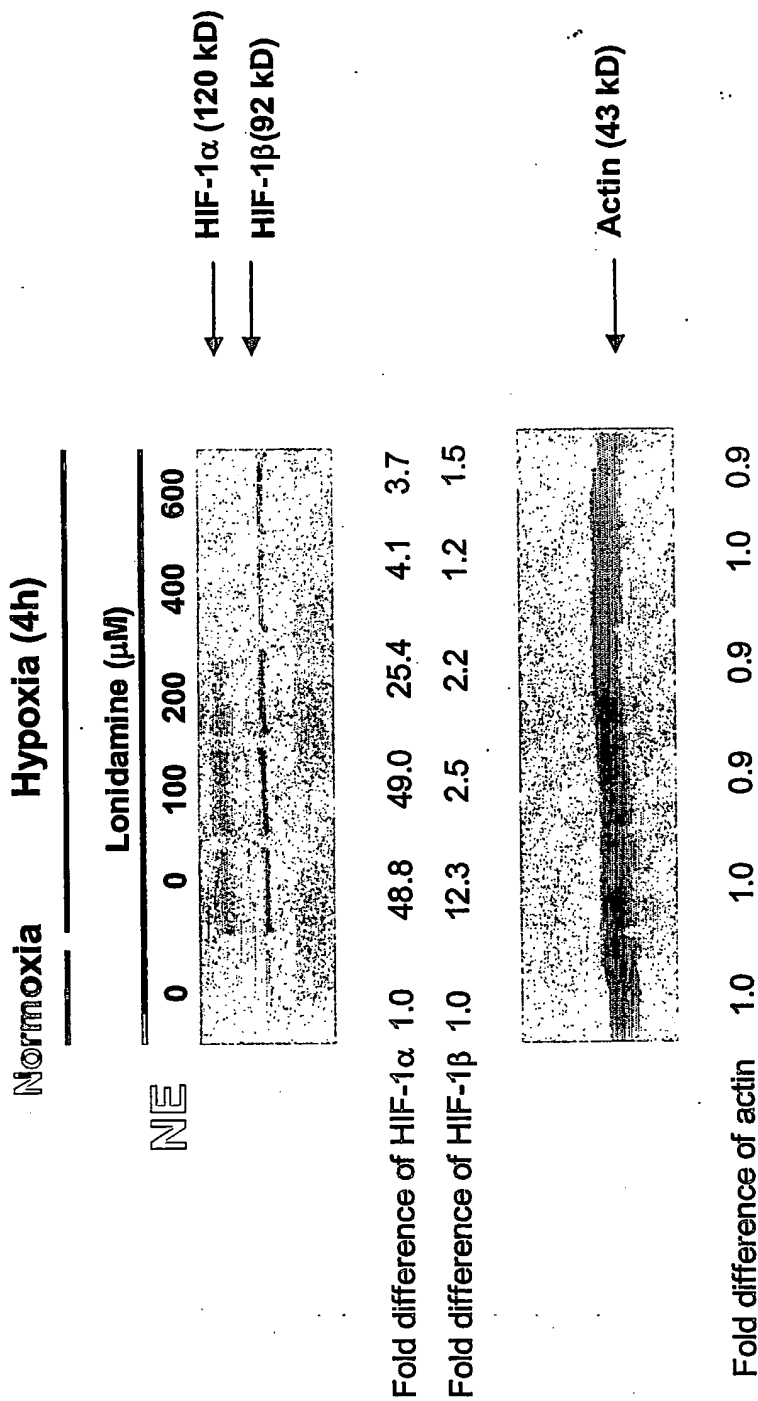


Figure 9

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